

IN THE CLAIMS:

1. (Currently Amended) Access An access system
comprising:

~~an~~ between an item of server automatic control equipment
(20), which integrates comprising:

~~transmission/reception means (25) to transmit for~~
~~transmitting and receive receiving messages (11, 12, 13, 21, 22,~~
~~23) on a wireless proximity network (30) using a radio waves~~
~~technology,~~

a link mechanism, and

server communication means for linking with a receiving
means; and

~~at least one mobile device (10) comprising communication~~
~~means for linking with said server communication means, or at~~
~~least one item of client automatic control equipment (20)~~
~~comprising client communication means for linking with said~~
~~server communication means, characterised in that the server~~
~~automatic control equipment (20) comprises~~wherein

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implementing a said link mechanism in compliance with the Bluetooth protocol with said communication means (16) of a said mobile device (10) or with said client communication means; (26') of an item of client automatic control equipment (20'), in order to supply control, display and monitoring functions from the server automatic control equipment (20),

the link mechanism comprising a detection phase means for detecting presence of at least one server automatic control equipment,

a description phase means for querying identification of
said detected server automatic control equipment, and

a service phase means for communicating with said identified server automatic control equipment.

2. (Currently Amended) Access The access system according to claim 1, characterised in that the further comprising an internal memory containing information relating to the server automatic control equipment, wherein the client communication means (26') or the server communication means (27, 27') of an

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~~item of automatic control equipment (20) have has access to an
the internal memory (28) containing information relating to the
automatic control equipment (20).~~

3. (Currently Amended) Access ~~The access system according~~
to claim 2, characterised in that the same item of ~~wherein said~~
~~client automatic control equipment (20')~~ may comprise ~~comprises~~
server communication means (27') and client communication means
(26'), to be able to perform ~~for performing~~ a server function
and a client function.

4. (Currently Amended) Access ~~The access system according~~
to claim 2, characterised in that ~~wherein~~ the server
communication means (27) of an item of ~~a~~ server automatic
control equipment (20) are ~~is for~~ waiting for a detection query
(11) sent by at least one mobile device (10) or at least one
item of client automatic control equipment (20') on the
proximity network (30).

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5. (Currently Amended) Access The access system according to claim 4, characterised wherein in that, following the reception of a detection query (11) from a mobile device (10) or an item of client automatic control equipment (20'), the server communication means (27) generate is for generating a detection response (21) used to signal their presence of the server communication means to the mobile device (10) or the client automatic control equipment (20') following reception of a detection query sent from the mobile device or from the client automatic control equipment.

6. (Currently Amended) The access Access system according to claim 2, characterised in thatwherein the client communication means (26') of an item of a client automatic control equipment (20') transmit is for transmitting detection queries (11) on across the proximity network (30), in order to detect the presence of at least one item of server automatic control equipment (20) in the field of action (31) of within the proximity network (30).

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7. (Currently Amended) The accessAcess system according to claim 6, characterisedwherein in that the detection queries (11) are transmitted by the client communication means (26') is for transmitting detection queries at regular intervals or at the initiative of an application program (29') running in the client automatic control equipment (20').

8. (Currently Amended) The accessAcess system according to claim 5, characterisedwherein in that the server communication means (27) respond is for responding to a description query (12) transmitted by a the mobile device (10) or by an item of the client automatic control equipment (20') by returning a description response (22) which can includeincludes an identification and authentication of the server automatic control equipment (20) and a list of the services offered by the server automatic control equipment (20).

9. (Currently Amended) The accessAcess system according to claim 8, characterised in that, wherein when the link mechanism is set up, the server automatic control equipment (20) can exchange is for exchanging messages (13, 23) with a the mobile device (10) via the proximity network (30), when the link mechanism establishes a link, such so that a user of the mobile device (10) can perform control, display and monitoring functions of the server automatic control equipment (20).

10. (Currently Amended) The accessAcess system according to claim 8, characterisedwherein in that, when the link mechanism is set up, the server automatic control equipment (20) can exchange is for exchanging messages (13, 23) with an item of the client automatic control equipment (20') via the proximity network (30), when the link mechanism establishes a link, such so that an application program (29') running in the client automatic control equipment (20') can perform control, display and monitoring functions of the server automatic control equipment (20).

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11. (Currently Amended) Automatic control equipment
characterised in that it communicates on The access system of
claim 1 in combination with an automatic control equipment,
comprising automatic control equipment comprising means for
communicating over a proximity network (30) by means of an said
access system according to claim 1.